



UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/365,678	08/02/99	PITTAMPALLI	E CASE-11

WM02/0815
DOCKET ADMINISTRATOR (30512)
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EXAMINER

SMITH, S	
ART UNIT	PAPER NUMBER

2683
DATE MAILED: 08/15/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
09/365,678

Applicant(s)
Pittampalli

Examiner
Sheila Smith

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2683



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on _____
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1035 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirements.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- *See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 16) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 2 20) ☐ Other: _____

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Zicker (U.S.

Patent Number 6,151,510).

Regarding claims 1, 2, Zicker discloses essentially all the claimed invention as set fourth in the instant application, further Zicker discloses a module for providing wireless call communication services through wire-connected telephone equipment, in addition Zicker discloses a unregistering at a controller a dependent in communication with a master device, transmitting a message to the dependent as disclosed in column 4 lines 1-9 and in column 20 lines 56-59.

Regarding claim 3, Zicker discloses everything claimed, as applied above (see claim 1) additionally, Zicker discloses transmitting another message indicating to the communications network to register the dependent as disclosed in column 4 lines 61-67.

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Regarding claims 4, 5, Zicker discloses everything claimed, as applied above (see claim 1) additionally, Zicker discloses dependent is unregistered when a strength if a signal is transmitted as disclosed in column 4 lines 33-39 and in column 20 lines 56-59.

Regarding claim 6, Zicker discloses everything claimed, as applied above (see claim 5) additionally, Zicker discloses monitoring a communication channel associated with the master device in column 5 lines 7-9.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 7-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zicker in view of Adachi (U.S. Patent Number 6,256,334).

Regarding claims 7,14,19, Zicker discloses everything claimed, as applied above (see claim 1) additionally, Zicker discloses a communication channel as disclosed in column 9 lines 18-21. However, Zicker fails to specifically disclose frequency hopping sequence.

In the same field of endeavor, Adachi further discloses a base station apparatus for radiocommunication network method of controlling communication across radiocommunication

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network radiocommunication network system, and radio terminal apparatus. In addition Adachi discloses a frequency hopping sequence in column 1 lines 63-65.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Zicker by modifying a module for providing wireless call communication services through wire-connected telephone equipment with a frequency hopping sequence as taught by Adachi for the purpose of subjecting the information to a secondary modulation.

Regarding claims 8 -10,14 -17, 19, Zicker in view of Adachi discloses everything claimed, as applied above (see claim 1) additionally, Zicker discloses transmitting using a frequency band $f_{\text{band}}(2)$ in column 3 lines 5-11.

Regarding claim 11, Zicker in view of Adachi discloses everything claimed, as applied above (see claim 1) additionally, Zicker discloses searching at a dependent for one or more frequencies, registering the dependent with a first master device, monitoring for frequencies, registering the dependent with a second master device in column 3 lines 5-35. However, Zicker fails to specifically disclose frequency hopping sequence.

In the same field of endeavor, Adachi further discloses a base station apparatus for radiocommunication network method of controlling communication across radiocommunication network radiocommunication network system, and radio terminal apparatus. In addition Adachi discloses a frequency hopping sequence in column 1 lines 63-65.

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Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Zicker by modifying a module for providing wireless call communication services through wire-connected telephone equipment with a frequency hopping sequence as taught by Adachi for the purpose of subjecting the information to a secondary modulation.

Regarding claim 18, Zicker in view of Adachi discloses everything claimed, as applied above (see claim 1) additionally, Zicker discloses receiving a first registration message at a master device, transmitting a second registration message, monitoring a strength at the master device, transmitting an unregistration message in column 4 lines 1-39. However, Zicker fails to specifically disclose frequency hopping sequence.

In the same field of endeavor, Adachi further discloses a base station apparatus for radiocommunication network method of controlling communication across radiocommunication network radiocommunication network system, and radio terminal apparatus. In addition Adachi discloses a frequency hopping sequence in column 1 lines 63-65.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Zicker by modifying a module for providing wireless call communication services through wire-connected telephone equipment with a frequency hopping sequence as taught by Adachi for the purpose of subjecting the information to a secondary modulation.

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Citation of Pertinent Prior Art

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Dent et al. (U. S. Patent Number 5,526,402) discloses radio personal communications system and method for initiating communications between a base station and a cellular terminal;

Zicker (U. S. Patent Number 6,243,593) discloses module for providing wireless call communication services through wire-connected telephone equipment;

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Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheila Smith whose telephone number is (703) 305-0104. The examiner can normally be reached on Monday through Friday from 6:30 a.m. to 3:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached (703)308-5318. The technical center receptionist phone number is (703) 305-4700. The fax number for the group is (703) 308-6306.



**WILLIAM TROST
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600**

S. Smith

August 12, 2001